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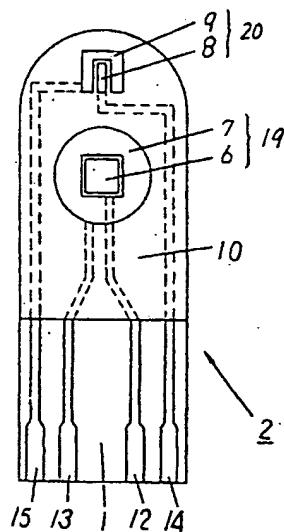
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54 A biosensor and a method for measuring a concentration of a substrate in a sample.

57) The present invention provides a biosensor comprising an electrical insulating substrate, a main electrode system formed on the substrate and having a working electrode and a counter electrode, a reaction layer provided in contact with or in the vicinity of the main electrode system and containing an oxidoreductase, and a sub electrode system as a reference provided with an interval from the main electrode system and having a working electrode and a counter electrode.

Fig. 1





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EUROPEAN SEARCH REPORT

Application Number
EP 92 11 7711 9

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
A	EP-A-0 127 958 (GENETICS INTERNATIONAL, INC.) ---	
A	EP-A-0 359 831 (MATSUSHITA ELECTRIC INDUSTRIAL CO.) ---	
D, P, A	EP-A-0 502 504 (MATSUSHITA ELECTRIC INDUSTRIAL CO; LTD.) -----	
The present search report has been drawn up for all claims		
Place of search	Date of completion of the search	Examiner
THE HAGUE	6 December 1993	Cartagena y Abella, P
CATEGORY OF CITED DOCUMENTS		
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document	T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	